

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FR2004/001431

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C03C13/00 C03C3/087

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C03C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No |
|------------|--|----------------------|
| X | US 4 199 364 A (NEELY HOMER E) 22 April 1980 (1980-04-22) cited in the application the whole document example 5 ----- | 1,3-8 |
| X | US 2001/011058 A1 (TAMURA SHINICHI) 2 August 2001 (2001-08-02) example 1 ----- | 1-8 |

Further documents are listed in the continuation of box C

Patent family members are listed in annex

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- *P* document published prior to the international filing date but later than the priority date claimed

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- *Y* document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *E* document member of the same patent family

Date of the actual completion of the international search

19 November 2004

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02/12/2004

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Information on patent family members

International Application No

PCT/FR2004/001431

| Patent document cited in search report | | Publication date | | Patent family member(s) | | Publication date |
|--|----|------------------|----------|----------------------------|--|--------------------------|
| US 4199364 | A | 22-04-1980 | NONE | | | |
| US 2001011058 | A1 | 02-08-2001 | JP FR | 2001206733 A 2804107 A1 | | 31-07-2001 27-07-2001 |